

# WEST Search History

DATE: Thursday, November 06, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>		
L6	L1 and (plant or zea! or mays! or corn)	62	L6
L5	L1 and (plant or zea or mays! or corn)	62	L5
L4	L1 same (plant or zea or mays! or corn)	4	L4
L3	L1 same (plant or zea or mays or corn)	21	L3
L2	L1 and (plant or zea or mays or corn)	99	L2
L1	(lysyl or lysine) adj3 trna adj3 (synthase or synthetase)	109	L1

END OF SEARCH HISTORY

09/864464  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 15:41:34 ON 06 NOV 2003

L1 407 S (LYSYL OR LYSINE) (2W) TRNA (2W) (SYNTHETASE OR SYNTHASE)  
L2 13 S L1 AND (PLANT OR ZEA OR MAZE OR CORN)  
L3 13 S L1 AND (PLANT OR ZEA OR MAYS OR CORN)

=> d 1-13

L3 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:140922 CAPLUS

TI Response of arabidopsis to iron deficiency stress as revealed by  
microarray analysis. [Erratum to document cited in CA136:36988]

AU Thimm, Oliver; Essigmann, Bernd; Kloska, Sebastian; Altmann, Thomas;  
Buckhout, Thomas J.

SO Plant Physiology (2002), 128(2), 780

L3 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:866516 CAPLUS

TI Response of Arabidopsis to iron deficiency stress as revealed by  
microarray analysis

AU Thimm, Oliver; Essigmann, Bernd; Kloska, Sebastian; Altmann, Thomas;  
Buckhout, Thomas J.

SO Plant Physiology (2001), 127(3), 1030-1043

L3 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:634531 CAPLUS

TI Analysis of the chromosome sequence of the legume symbiont Sinorhizobium  
meliloti strain 1021

AU Capela, Delphine; Barloy-Hubler, Frederique; Gouzy, Jerome; Bothe,  
Gordana; Ampe, Frederic; Batut, Jacques; Boistard, Pierre; Becker, Anke;  
Boutry, Marc; Cadieu, Edouard; Dreano, Stephane; Gloux, Stephanie; Godrie,  
Therese; Goffeau, Andre; Kahn, Daniel; Kiss, Erno; Lelaure, Valerie;  
Masuy, David; Pohl, Thomas; Portetelle, Daniel; Puhler, Alfred; Purnelle,  
Benedicte; Ramsperger, Ulf; Renard, Clotilde; Thebault, Patricia;  
Vandenbol, Micheline; Weidner, Stefan; Galibert, Francis

SO Proceedings of the National Academy of Sciences of the United States of  
America (2001), 98(17), 9877-9882

L3 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:576078 CAPLUS

TI Cloning, sequencing and expression of plant aminoacyl-tRNA  
synthetase and construction of a chimeric gene encoding the aminoacyl-tRNA  
synthetase

IN Falco, Saverio Carl; Famodu, Layo O.; Orozco, Emil M., Jr.; Schwaber,  
James S.

PA E. I. Du Pont De Nemours & Company, USA

SO U.S., 50 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 6271441	B1	20010807	US 1999-357251	19990720
	US 2003018985	A1	20030123	US 2001-864464	20010524
PRAI	US 1998-93530P	P	19980721		
	US 1999-357251	A3	19990720		

L3 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:489638 CAPLUS  
 TI Genes identified as required for proliferation of Escherichia coli and  
 their use in antimicrobial drug discovery  
 IN Forsyth, R. Allyn; Ohlsen, Kari L.; Zyskind, Judith W.  
 PA Elitra Pharmaceuticals, Inc., USA  
 SO PCT Int. Appl., 596 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2001048209	A2	20010705	WO 2000-US34419	20001219
	WO 2001048209	A3	20020502		
	US 2002022718	A1	20020221	US 2000-741669	20001219
	EP 1244789	A2	20021002	EP 2000-986553	20001219
	JP 2003518386	T2	20030610	JP 2001-548722	20001219
PRAI	US 1999-173005P	P	19991223		
	WO 2000-US34419	W	20001219		

L3 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:231838 CAPLUS  
 TI The immunochemical cross-reactivity between cytoplasmic and mitochondrial  
 mammalian lysyl-tRNA synthetases  
 AU Sidorik, L. L.; Rybkinska, T. A.; Bakhiya, N. G.; Rodnin, N. V.;  
 Filonenko, V. V.; Entelis, N. S.; Tarassov, I. A.; Martin, R. P.; Matsuka,  
 G. Kh.  
 SO Biopolimery i Kletka (2000), 16(5), 363-368

L3 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:11527 CAPLUS  
 TI The chvH locus of Agrobacterium encodes a homologue of an elongation  
 factor involved in protein synthesis  
 AU Peng, Wen-Tao; Banta, Lois M.; Charles, Trevor C.; Nester, Eugene W.  
 SO Journal of Bacteriology (2001), 183(1), 36-45

L3 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:475781 CAPLUS  
 TI Process for causing plant cells and plants to insert  
 lysine, methionine, tryptophan, or threonine at unusual mRNA codons during  
 protein synthesis  
 IN Folk, William R.  
 PA USA  
 SO PCT Int. Appl., 49 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2000040709	A2	20000713	WO 1999-1B2125	19991224
	WO 2000040709	A3	20001116		
PRAI	US 1998-220375	A	19981224		

L3 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1998:799083 CAPLUS  
 TI Identity elements and aminoacylation of plant tRNA<sup>Trp</sup>  
 AU Ulmasov, Barbara; Topin, Andrey; Chen, Zhihong; He, S. H.; Folk, William  
 R.  
 SO Nucleic Acids Research (1998), 26(22), 5139-5141

L3 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1997:186676 CAPLUS  
 TI A root-specific iron-regulated gene of tomato encodes a lysyl-  
 tRNA-synthetase-like protein  
 AU Giritch, Anatoli; Herbig, Alexandra; Balzer, Hans Jorg; Ganai, Martin;  
 Stephan, Udo W.; Baumlein, Helmut  
 SO European Journal of Biochemistry (1997), 244(2), 310-317

L3 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1988:3536 CAPLUS  
 TI Activity of aminoacyl-tRNA synthetases of hybrid and inbred maizes  
 AU Kostyshin, S. S.; Marchenko, M. M.; Grigor'eva, N. F.  
 SO Sel'skokhozyaistvennaya Biologiya (1987), (8), 19-21  
 LA Russian

L3 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1979:147193 CAPLUS  
 TI Nucleotide sequences of plant viral RNAs  
 AU Briand, J. P.; Fritsch, C.; Guilley, H.; Jonard, G.; Klein, C.; Lamy, D.;  
 Richards, K.; Hirth, L.  
 SO NATO Advanced Study Institute Series, Series A: Life Sciences (1977),  
 Volume Date 1976, A12(Nucleic Acids Protein Synth. Plants), 343-62